

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019413.D
 Acq On : 25 Mar 2019 03:49
 Operator : JU/SJ
 Sample : K2044-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5W7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	24	27	38	rVB	39225	59256	2.05%	0.196%
2	3.658	110	114	120	rVB4	9202	14379	0.50%	0.048%
3	3.746	125	129	136	rVB	18392	29098	1.01%	0.096%
4	4.181	199	203	209	rBV3	17433	31448	1.09%	0.104%
5	4.746	295	299	300	rBV	19718	24074	0.83%	0.080%
6	4.769	300	303	313	rVB	55292	91519	3.17%	0.303%
7	5.369	399	405	408	rBV5	5557	8387	0.29%	0.028%
8	6.058	519	522	525	rVB2	2260	2904	0.10%	0.010%
9	6.569	606	609	613	rVB3	2246	3332	0.12%	0.011%
10	6.787	639	646	664	rBV	253796	542709	18.79%	1.797%
11	6.958	669	675	690	rBV	207401	386386	13.38%	1.279%
12	7.140	700	706	720	rBV	305925	511165	17.70%	1.693%
13	7.346	740	741	749	rBV4	2139	3499	0.12%	0.012%
14	7.605	779	785	794	rBV	648900	1031342	35.71%	3.415%
15	8.322	900	907	925	rBV	326320	635037	21.99%	2.103%
16	8.452	925	929	933	rVV4	3542	5582	0.19%	0.018%
17	8.775	977	984	999	rBV	260720	475847	16.48%	1.576%
18	9.104	1036	1040	1046	rVB	11864	16504	0.57%	0.055%
19	9.487	1100	1105	1117	rBV	214275	392021	13.58%	1.298%
20	10.022	1189	1196	1216	rBV	306164	646623	22.39%	2.141%
21	10.387	1251	1258	1266	rBV	943932	1538979	53.29%	5.096%
22	10.551	1279	1286	1305	rBV	218479	541242	18.74%	1.792%
23	10.963	1353	1356	1358	rBV2	4262	5610	0.19%	0.019%
24	11.757	1489	1491	1495	rBV2	2070	3279	0.11%	0.011%
25	11.998	1528	1532	1542	rVB3	4733	11092	0.38%	0.037%
26	13.681	1812	1818	1823	rBV	700071	1002703	34.72%	3.320%
27	13.728	1823	1826	1835	rVB	119443	186281	6.45%	0.617%
28	13.957	1856	1865	1884	rBV	850711	1233410	42.71%	4.084%
29	14.145	1894	1897	1902	rVB3	3960	3992	0.14%	0.013%
30	14.263	1911	1917	1929	rBV2	1395500	2071924	71.75%	6.861%
31	14.516	1955	1960	1979	rBV2	84966	283997	9.83%	0.940%
32	14.686	1986	1989	1997	rVB4	28679	45212	1.57%	0.150%
33	15.057	2047	2052	2055	rVB3	3505	4877	0.17%	0.016%
34	15.104	2055	2060	2063	rVB3	6607	8567	0.30%	0.028%

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35	15.263	2080	2087	2100	rBV	1080225	1589123	55.03%	5.262%
36	15.410	2106	2112	2123	rBV	133082	225070	7.79%	0.745%
37	15.510	2123	2129	2133	rVB5	11149	18401	0.64%	0.061%
38	15.669	2153	2156	2159	rVB2	2776	3924	0.14%	0.013%
39	15.975	2203	2208	2211	rBV4	4415	7697	0.27%	0.025%
40	16.051	2218	2221	2223	rVB3	5204	5540	0.19%	0.018%
41	16.163	2237	2240	2243	rBV5	5840	7152	0.25%	0.024%
42	16.222	2248	2250	2253	rVB2	4333	4367	0.15%	0.014%
43	16.439	2282	2287	2288	rBV2	3932	5442	0.19%	0.018%
44	16.769	2340	2343	2346	rBV2	6151	9357	0.32%	0.031%
45	16.810	2346	2350	2354	rVB4	8535	13279	0.46%	0.044%
46	16.927	2365	2370	2374	rBV5	3336	6120	0.21%	0.020%
47	17.022	2379	2386	2396	rBV	1750958	2424844	83.97%	8.029%
48	17.122	2396	2403	2415	rVB	1099962	1642679	56.89%	5.439%
49	17.304	2430	2434	2435	rBV4	3415	3347	0.12%	0.011%
50	17.363	2438	2444	2447	rVV5	4355	6772	0.23%	0.022%
51	17.410	2450	2452	2454	rVB2	3582	3567	0.12%	0.012%
52	17.498	2464	2467	2471	rBV4	4071	6675	0.23%	0.022%
53	17.663	2493	2495	2497	rBV3	3106	3147	0.11%	0.010%
54	17.686	2497	2499	2502	rVB2	3419	3825	0.13%	0.013%
55	17.910	2533	2537	2547	rBV	145424	246058	8.52%	0.815%
56	18.198	2584	2586	2590	rBV4	9834	11278	0.39%	0.037%
57	18.269	2595	2598	2603	rVB6	3811	7028	0.24%	0.023%
58	18.374	2614	2616	2619	rBV3	2895	3264	0.11%	0.011%
59	18.451	2625	2629	2632	rBV6	4882	7355	0.25%	0.024%
60	18.574	2648	2650	2653	rBV3	3912	4808	0.17%	0.016%
61	18.833	2691	2694	2699	rBV7	7735	13993	0.48%	0.046%
62	19.057	2728	2732	2736	rBV2	24522	38744	1.34%	0.128%
63	19.204	2753	2757	2764	rBV2	55354	100356	3.48%	0.332%
64	19.316	2774	2776	2781	rVB3	10323	9621	0.33%	0.032%
65	19.427	2789	2795	2805	rBV	1387679	1881216	65.15%	6.229%
66	19.763	2848	2852	2855	rBV2	35199	37726	1.31%	0.125%
67	19.798	2855	2858	2862	rVV	49297	54313	1.88%	0.180%
68	19.957	2883	2885	2890	rVB5	22147	24856	0.86%	0.082%
69	20.457	2967	2970	2975	rBV3	45741	62378	2.16%	0.207%
70	20.774	3021	3024	3027	rVB3	46724	49974	1.73%	0.165%
71	20.927	3046	3050	3063	rBV	268934	508701	17.62%	1.684%

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72	21.221	3095	3100	3111	rBV	2229471	2806967	97.20%	9.295%
73	21.362	3121	3124	3128	rBV	104585	114449	3.96%	0.379%
74	21.786	3193	3196	3200	rBV	177175	196130	6.79%	0.649%
75	22.239	3270	3273	3278	rVB	240996	297015	10.29%	0.984%
76	22.739	3354	3358	3364	rVB	243557	344439	11.93%	1.141%
77	23.298	3447	3453	3465	rVB2	1244943	2286124	79.17%	7.570%
78	23.439	3470	3477	3491	rVB	1536054	2887717	100.00%	9.562%
79	23.921	3555	3559	3565	rVB2	212024	362402	12.55%	1.200%

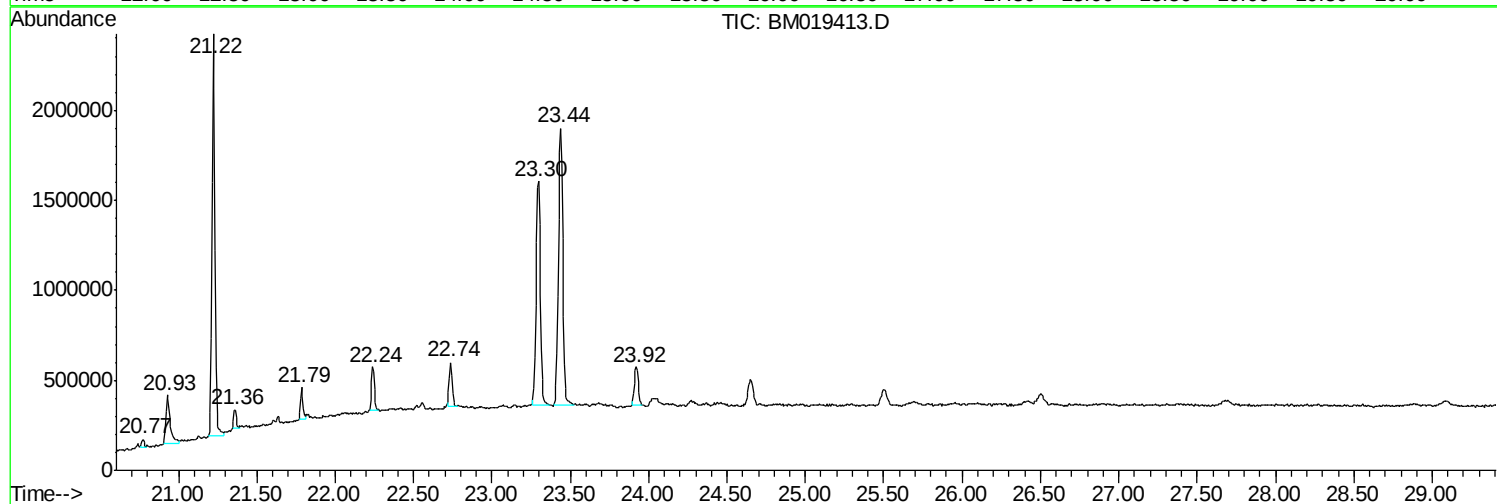
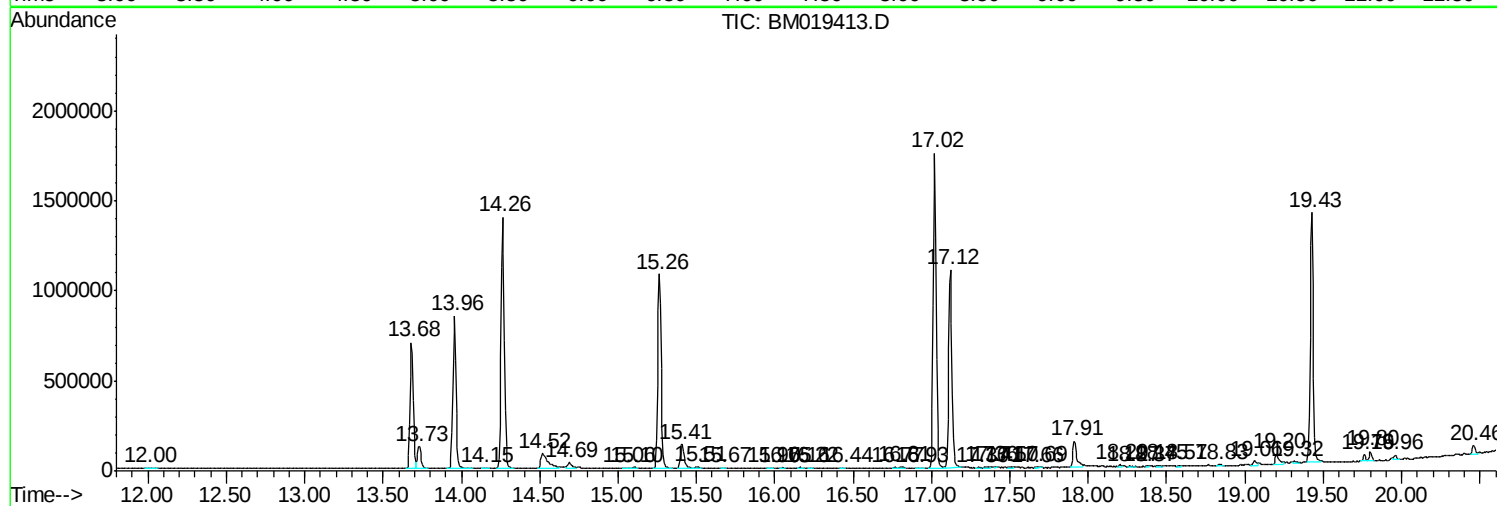
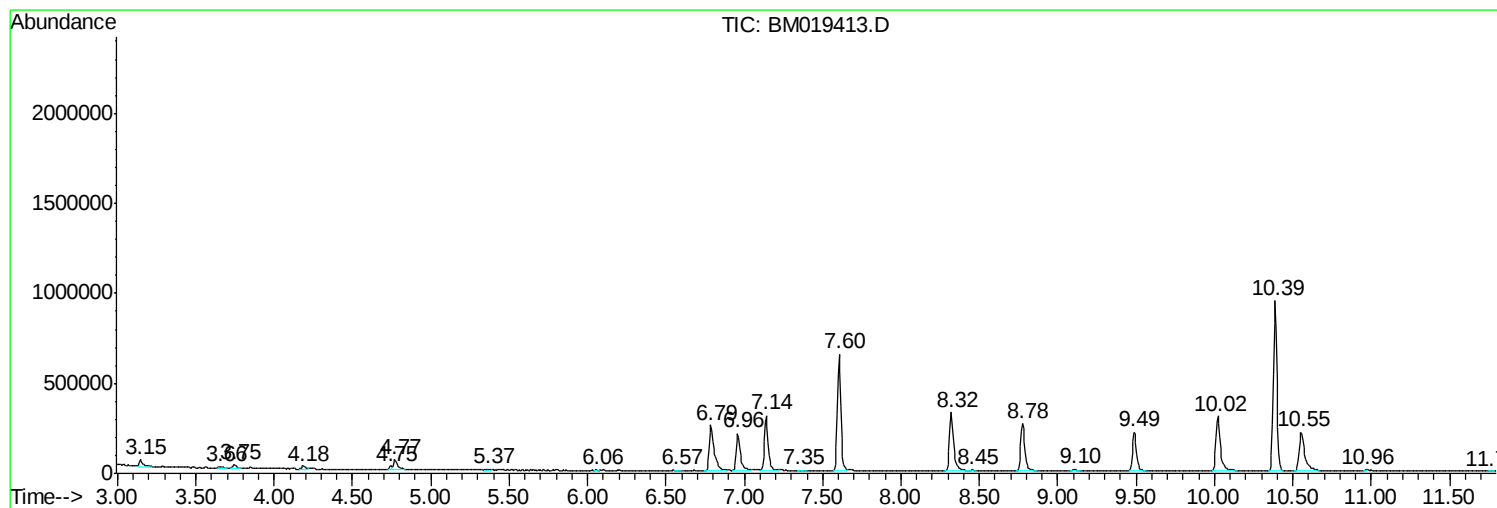
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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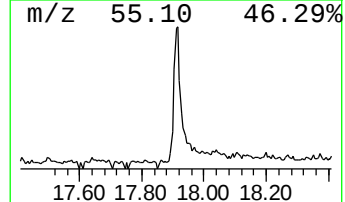
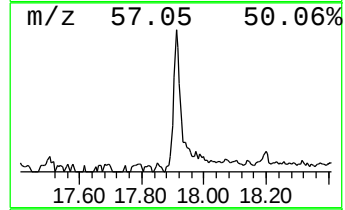
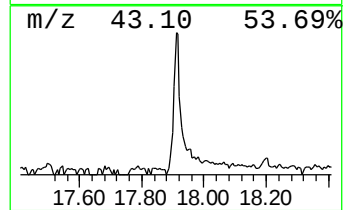
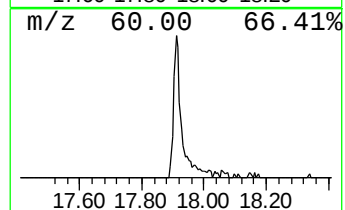
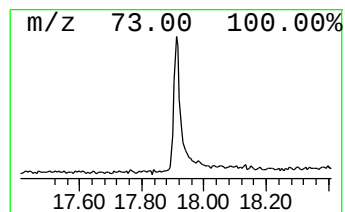
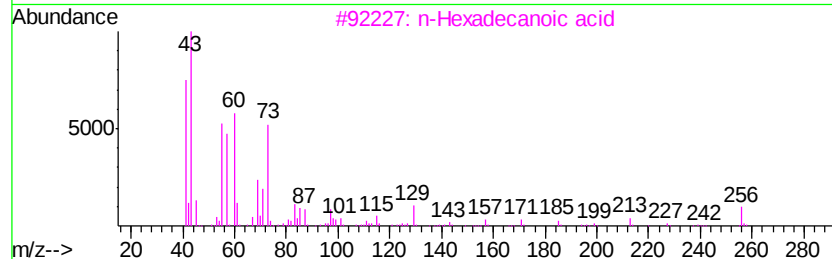
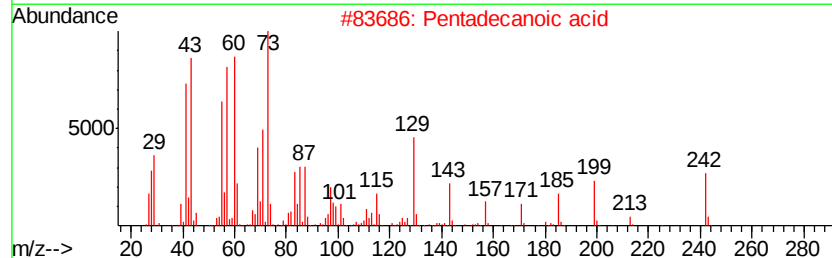
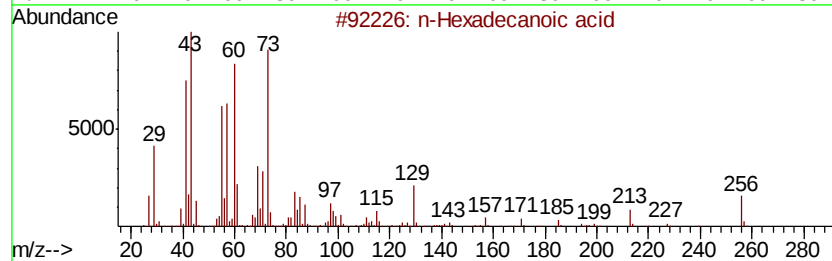
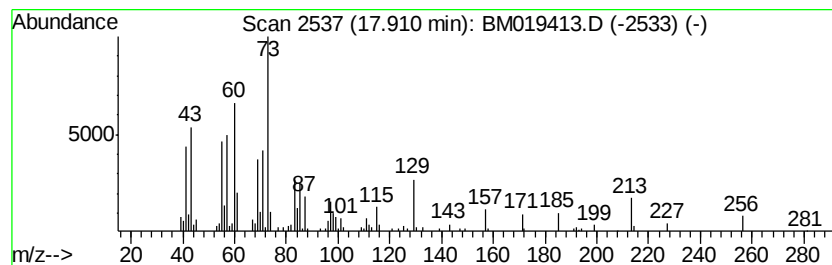
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.91	2.03 ng/ul	246058	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64



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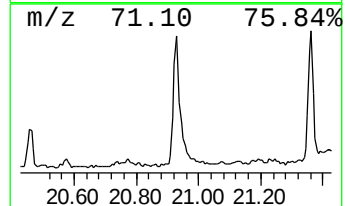
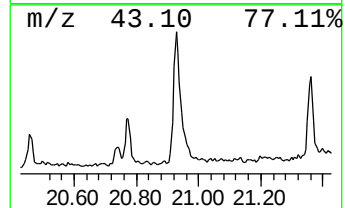
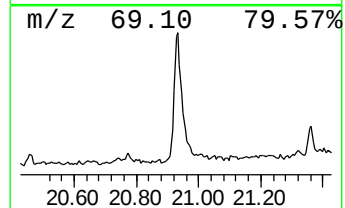
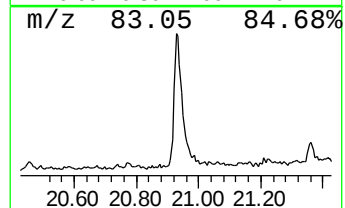
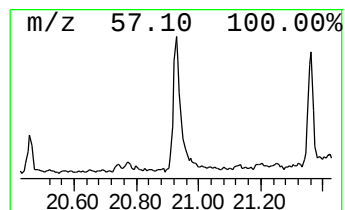
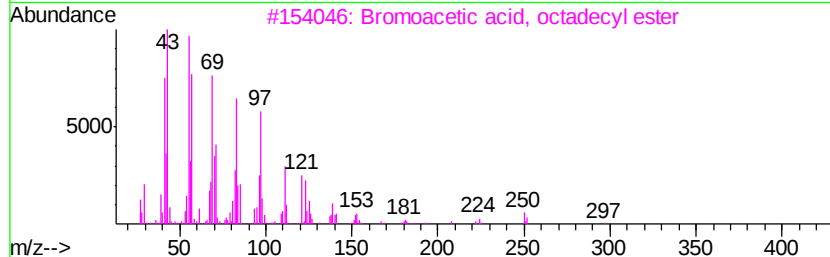
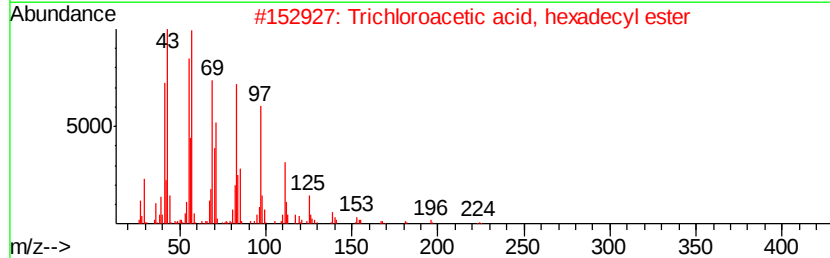
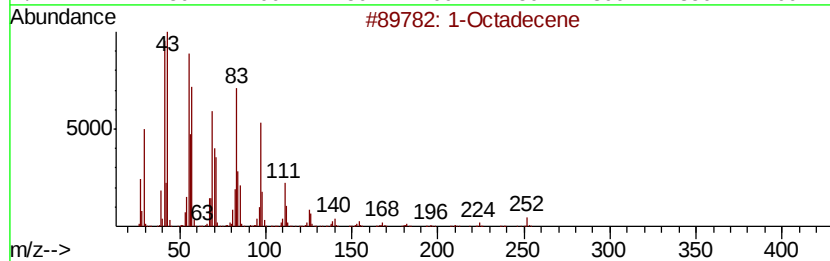
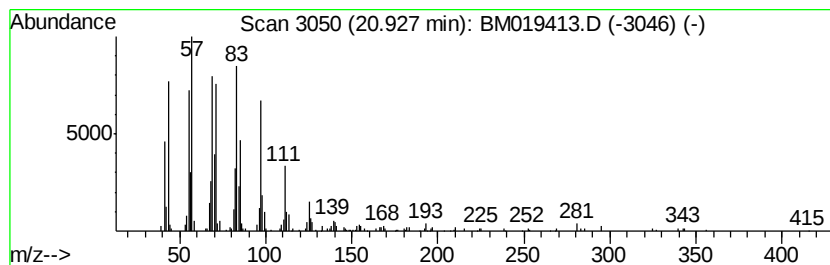
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.62 ng/ul	508701	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70



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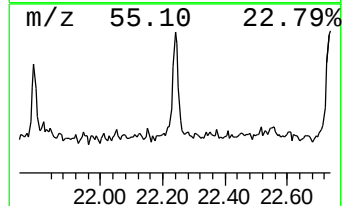
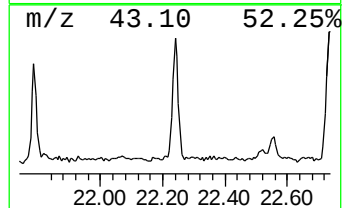
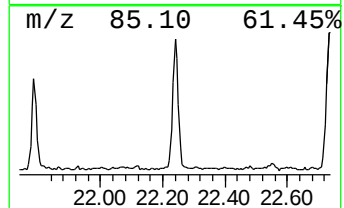
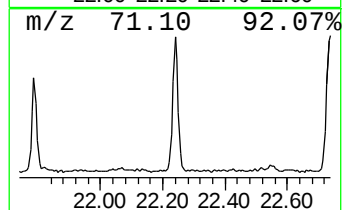
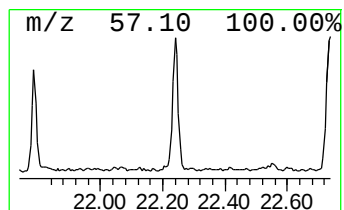
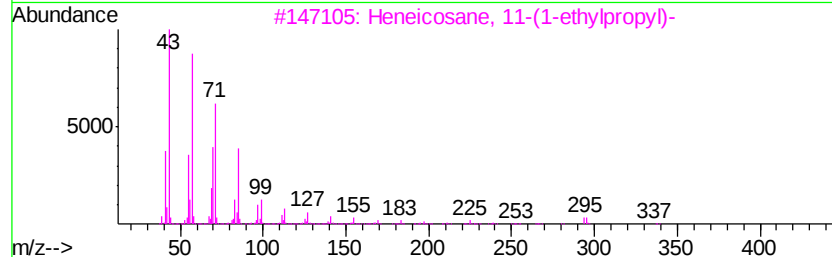
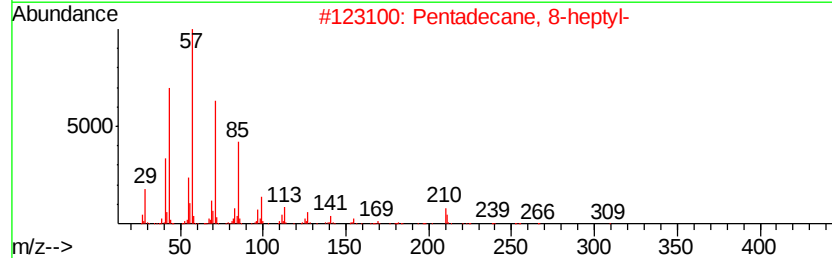
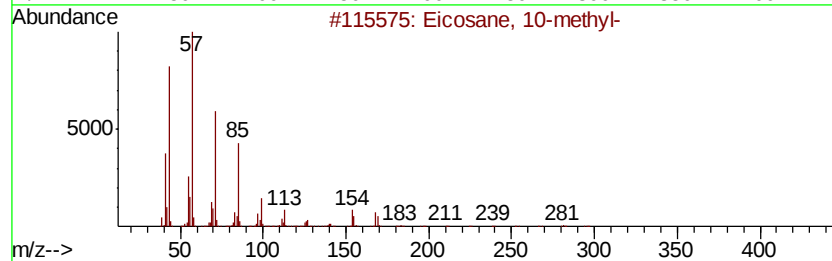
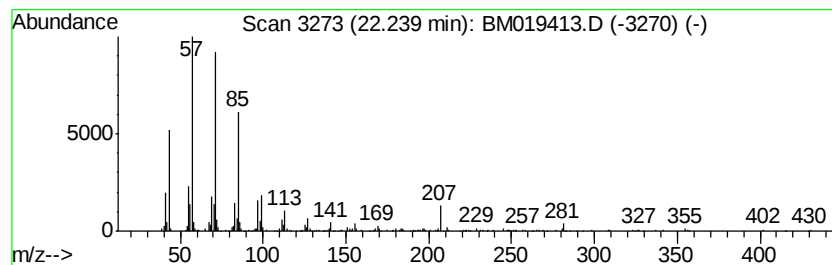
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	2.12 ng/ul	297015	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4		Octadecane	254	C18H38	000593-45-3	83
5		Docosane	310	C22H46	000629-97-0	80



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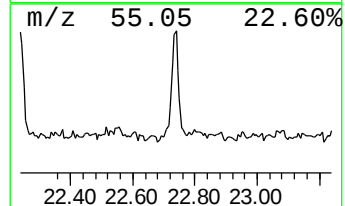
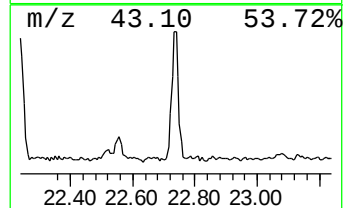
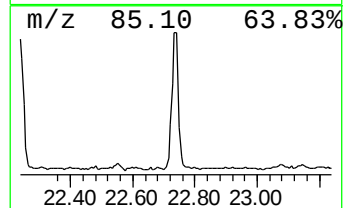
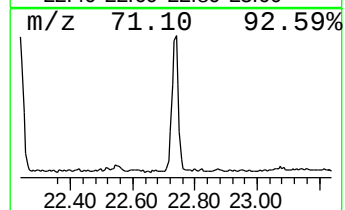
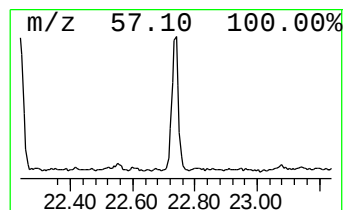
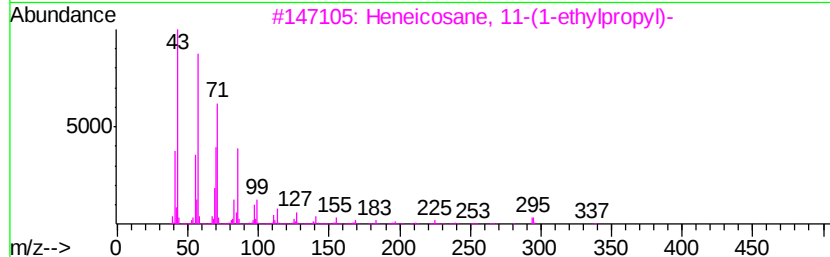
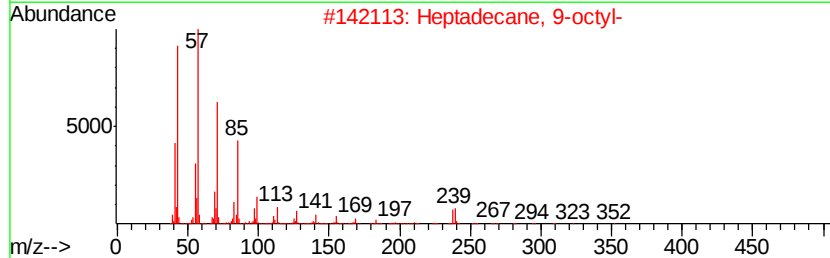
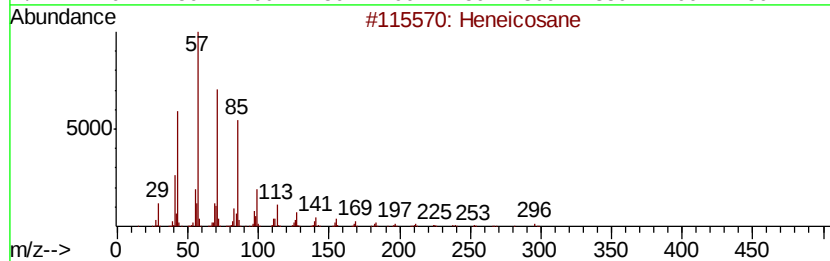
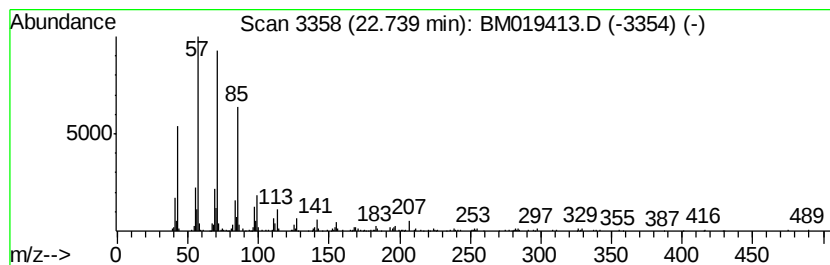
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.39 ng/ul	344439	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019413.D
Acq On : 25 Mar 2019 03:49
Operator : JU/SJ
Sample : K2044-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5W7

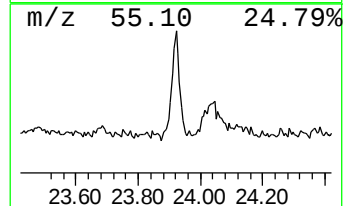
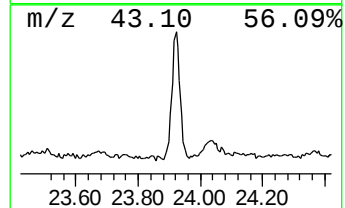
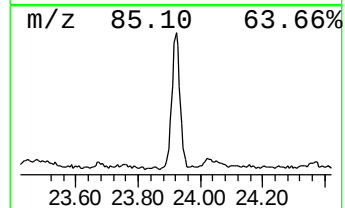
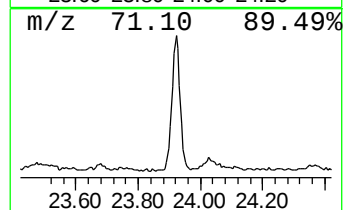
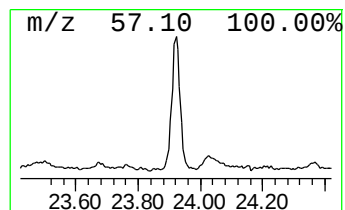
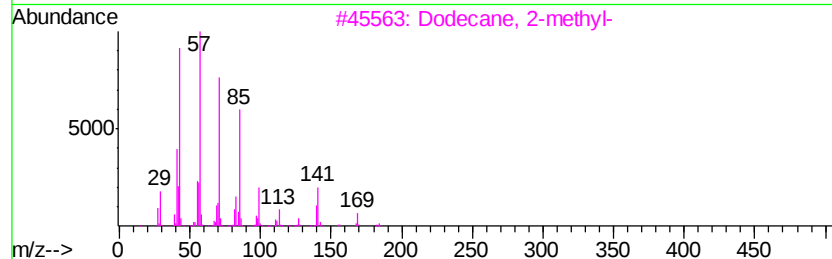
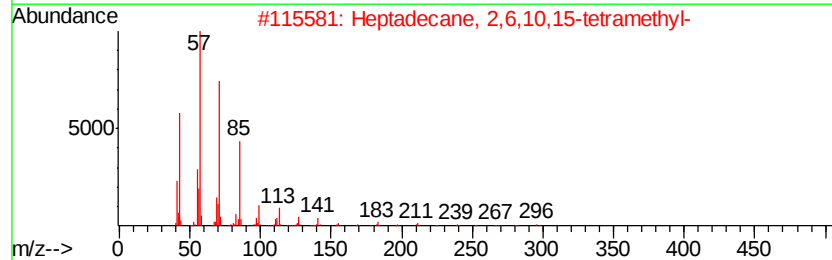
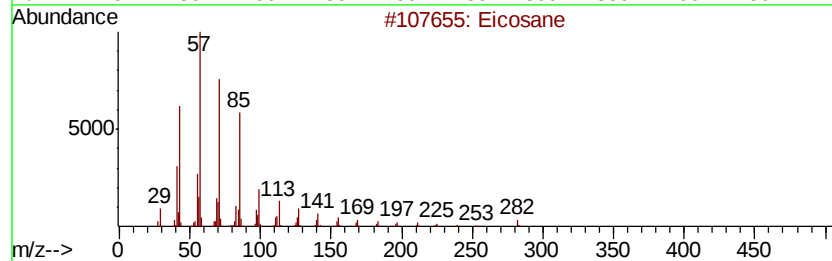
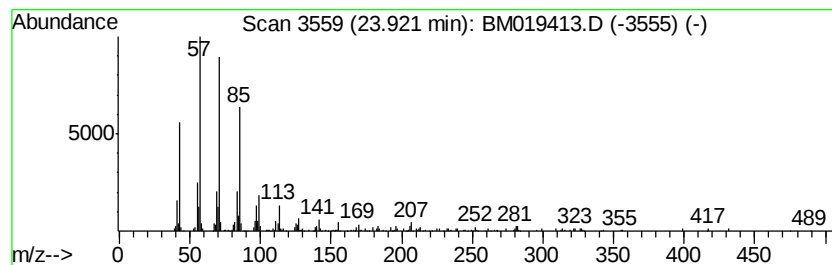
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.51 ng/ul	362402	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
Data File : BM019413.D
Acq On : 25 Mar 2019 03:49
Operator : JU/SJ
Sample : K2044-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5W7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.91	2.0	ng/ul	246058	4	17.02	2424840	20.0
(DEL) Alkane: Cyc...	20.93	3.6	ng/ul	508701	5	21.22	2806970	20.0
(DEL) Alkane: Str...	22.24	2.1	ng/ul	297015	5	21.22	2806970	20.0
(DEL) Alkane: Str...	22.74	2.4	ng/ul	344439	6	23.44	2887720	20.0
(DEL) Alkane: Str...	23.92	2.5	ng/ul	362402	6	23.44	2887720	20.0